



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



Applicant: Nobuya HARANO  
Title: ANTENNA APPARATUS HAVING HIGH RECEIVING EFFICIENCY  
Appl. No.: Unassigned  
Filing Date: February 24, 2004  
Examiner: Unassigned  
Art Unit: Unassigned

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Nobuya HARANO

Enclosed are:

- [ X ] Application Data Sheet (37 CFR 1.76) (2 pages).
- [ X ] Specification, Claim(s), and Abstract (13 pages).
- [ X ] Formal drawings (5 sheets, Figures 1-3, 4A, 4B, 5-8).
- [ X ] Claim for Convention Priority.
- [ X ] Information Disclosure Statement (3 pages).
- [ X ] Form PTO/SB/08 with copy of 1 of 2 listed references.



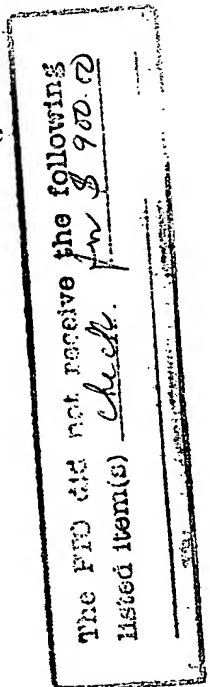
13281 U.S. PTO.

Atty. Dkt. No. 016778-0473

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate		Fee Totals
Basic Fee							\$770.00	=	\$770.00
Total	7	-	20	= 0	x		\$18.00	=	\$0.00
Claims:									
Independents	1	-	3	= 0	x		\$86.00	=	\$0.00
:									
If any Multiple Dependent Claim(s) present:					+		\$290.00	=	\$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration					+		\$130.00	=	\$130.00
							SUBTOTAL:	=	\$900.00
[ ]							Small Entity Fees Apply (subtract 1/2 of above):	=	\$0.00
							TOTAL FILING FEE:	=	\$900.00

- [ X ] A check in the amount of \$900.00 to cover the filing fee is enclosed.
- [ ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ X ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.



Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Date: February 24, 2004

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Respectfully submitted,

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By \_\_\_\_\_



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